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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: JP 06219911 A JP 3284643 B2

L13: Entry 1 of 1 File: DWPI Aug 9, 1994

DERWENT-ACC-NO: 1994-290815
DERWENT-WEEK: 200236

TITLE: Antimicrobial compsns. for slime control and deodorants, etc. - contains hexa:halo-di:methyl-sulphone, di:basic acid ester and/or alkylene carbonate

PRIORITY-DATA: 1993JP-0028521 (January 25, 1993)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06219911 A	August 9, 1994		006	A01N041/10
JP 3284643 B2	May 20, 2002		006	A01N041/10

INT-CL (IPC): A01N 25/22; A01N 41/10

ABSTRACTED-PUB-NO: JP 06219911A
BASIC-ABSTRACT:

Antimicrobial compsn. contains hexa:halo-di:methyl-sulphone (I), a dibasic acid ester (II) and/or an alkylene carbonate (III).

Pref. cpds. (I; i.e. bromo or chloro derivs.), (II; e.g. di lower alkyl succinate, malonate glutarate, suberate and sebacate) and/or (III; ethylene, propylene and hexylene carbonate) are mixed at wt. ratios of 0.1:99.9 to 70:30 (pref. 5:95-50:50). Other known antimicrobial agents, additives and carriers may be used together to give conventional compsns.

USE/ADVANTAGE - Stable industrial antimicrobial compsn. for slime control, antiseptics, disinfectants, deodorants and antifouling agents, and agricultural antimicrobial agents.

In an example, a compsn. composed of 20 wt.% of dimethyl succinate, 55 wt.% of dimethyl glutarate, 15 wt.% of dimethyl adipate and 10 wt.% of hexa:bromo-di:methyl-sulphone (HBDS) was stable at concns. of 99, 98 and 99% after 10, 30 and 90 days storage, respectively at 40 deg.C in the dark. While a control gp. composed of 90 wt.% of triethylene glycol and 10 wt.% of HBDS showed corresponding rates of 90, 75 and 54% respectively.

Full | Title CIT.1 REV.1 CLS.1 REF.1 SEQ.1 ATT.1 RAW.1

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(FILE 'HOME' ENTERED AT 12:02:44 ON 15 AUG 2003)

FILE 'CAPLUS, USPATFULL' ENTERED AT 12:02:57 ON 15 AUG 2003

L1	18227	S	PER? ACETIC OR PERACETIC OR PER? OCTANOIC OR PEROCTANOIC OR P
L2	52490	S	?ADIPATE OR ?PIMELATE OR ?SUBERATE
L3	713	S	L1 AND L2
L4	77	S	L1 (P) L2
L5	248324	S	CONCENTRATE
L6	0	S	L5 (P) L4
L7	12	S	L4 AND L5

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Search Results -

Term	Documents
(6 AND 2).DWPI.	4
(L2 AND L6).DWPI.	4

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L7

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Search History

DATE: Friday, August 15, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=DWPI; PLUR=YES; OP=ADJ			
L7	l2 and L6	4	L7
L6	peracetic or per acetic or per octanoic or peroctanoic or performic or per formic	1441	L6
L5	l2 and L4	3	L5
L4	peroxy acid or peroxyacid	596	L4
L3	l1 and L2	0	L3
L2	malonate or succinate or glutarate or adipate or pimelate or suberate	9028	L2
L1	peroxyacetic or peroxy acetic or peroxyoctanoic or peroxy octanoic or peroxyformic or peroxy formic	88	L1